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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE   |   | DATE: 11 March 2005 (11.03.2005)                            |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371   |   | U.S. APPLN. NO. (if known): 10/527438<br>Not Yet Assigned   |
| INTERNATIONAL APPLICATION NO.:<br>PCT/KR2003/001820  | INTERNATIONAL FILING DATE:<br>4 September 2003 (04.09.2003) | PRIORITY DATE CLAIMED:<br>13 September 2002 (13.09.2002) KR |
| TITLE OF INVENTION: METHOD FOR SCREENING OF A LIPASE HAVING IMPROVED ENZYMATIC ACTIVITY USING YEAST SURFACE DISPLAY VECTOR AND THE LIPASE  |   |   |
| APPLICANT(S) FOR DO/EO/US: CHOI, Eui-Sung; SOHN, Jung-Hoon; KIM, So-Young  |   |   |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The U.S. has been elected.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) as provided in the PCT Request.</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p>TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2004/024954 A1 WITH INTERNATIONAL PUBLICATION DATE OF 25 MARCH 2004 WITH SEARCH REPORT, WHICH CONSISTS OF 79 PAGES INCLUDING 2 PAGES OF COVER SHEET; 44 PAGES TEXTUAL SPECIFICATION, 2 PAGES RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT, 7 PAGES OF 33 CLAIMS, 7 SHEETS OF DRAWINGS, 17 PAGE SEQUENCE LISTING; PRELIMINARY AMENDMENT WITH ATTACHMENT A TO BE EXAMINED; EXECUTED INVENTOR'S DECLARATION; ASSIGNMENT AND RECORDATION COVER SHEET; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH 10 REFERENCES AND COPIES OF 10 REFERENCES; FORM PCT/IPEA/409 &amp; 416 INTERNATIONAL PRELIMINARY EXAMINATION REPORT.</p> |   |   |

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| U.S. APPLICATION NO.<br>(if known) not yet assigned<br><b>10/527 438</b> | INTERNATIONAL APPLICATION NO.<br>PCT/KR2003/001820 | DATE: 11 March 2005 (11.03.2005) |
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| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>Basic National Fee (37 CFR 1.492(a)(1)-(5):</b><br>Examination Fee, Search Fee, and Filing Fee<br><br><br><br><br><br><br><br><br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> | <u>CALCULATIONS</u><br><br>\$ 1,000.00<br><br><br><br><br><br><br><br><br><br>\$ 1,000.00 | <u>PTO USE ONLY</u> |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20<br>____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ |  |
|--|----|--|

| CLAIMS   | NO. FILED | NO. EXTRA | RATE        |               |          |
|--|-----------|-----------|-------------|---------------|----------|
| TOTAL  | 33 -20=   | 13        | X \$ 50.00  | \$            | 650.00   |
| INDEPENDENT  | 1 - 3 =   | 0         | X \$ 200.00 | \$            | 0.00     |
| Multiple dependent claims(s) (if applicable)   |           |           | + \$280.00  | \$            | 0.00     |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |           |           |             | \$            | 1,650.00 |
| Reduction by 2 for asserting small entity, if applicable.<br>(Note 37 CFR 1.9, 1.27, 1.28).  |           |           |             | \$            | 825.00   |
| <b>SUBTOTAL =</b>  |           |           |             | \$            | 825.00   |
| Processing fee of \$130.00 for furnishing the English translation later than ____ 20<br>____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).              |           |           |             | \$            | 0.00     |
| <b>TOTAL NATIONAL FEE =</b>  |           |           |             | \$            | 825.00   |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).<br>\$40.00 per property + |           |           |             | \$            | 40.00    |
| <b>TOTAL FEES ENCLOSED =</b>   |           |           |             | \$            | 865.00   |
|  |           |           |             | Amount to be: |          |
|  |           |           |             | refunded      | \$       |
|  |           |           |             | charged       | \$       |

ATTORNEY'S DOCKET NO: 26666U

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| U.S. APPLICATION NO.<br>(if known) not yet assigned<br><b>10/527438</b> | INTERNATIONAL APPLICATION NO.<br><br>PCT/KR2003/001820 | DATE: 11 March 2005 (11.03.2005) |
|---|--|----------------------------------|

a. ☒ Two checks in the amounts of \$ 825.00 and \$ 40.00 to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0112.

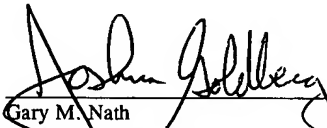
d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

Gary M. Nath  
NATH & ASSOCIATES PLLC  
1030 15<sup>th</sup> Street, N.W.  
Sixth Floor  
Washington, D.C. 20005

(202) 775-8383 (phone)  
(202) 775-8396 (fax)

  
Gary M. Nath  
Registration Number 26,965  
Joshua B. Goldberg  
Registration No. 44,126  
Customer No. 20529

10/527438

MAIL STOP PCT

Attorney Pocket No. 26666U

DT15 Rec'd PCT/PTO 11 MAR 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

CHOI et al.

International Application No. PCT/KR2003/001820

Serial No. NOT YET ASSIGNED

International Filing Date: 4 September 2003 (04.09.2003)

Filed: March 11, 2005

**For: METHOD FOR SCREENING OF A LIPASE HAVING IMPROVED ENZYMATIC  
ACTIVITY USING YEAST SURFACE DISPLAY VECTOR AND THE LIPASE****TRANSMITTAL LETTER**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

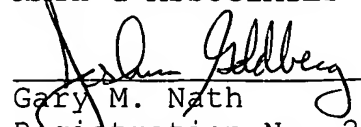
Sir:

Submitted herewith for filing in the U.S. Patent and  
Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office  
(DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/024954 A1;  
International Publication Date: 25 March 2004 (25.03.2004)  
with International Search Report, which consists of 79 pages  
including:
  - 2 pages of cover sheet,
  - 44 pages Textual Specification,
  - 2 pages of Receipt in the Case of an Original Deposit,
  - 7 pages of 33 claims,
  - 7 pages of drawings
  - 17 page Sequence Listing;
- (4) **Preliminary Amendment with Attachment A to be examined;**
- (5) Executed Inventor's Declaration;
- (6) Assignment and Recordation Cover Sheet;
- (7) Information Disclosure Statement;
- (8) PTO Form 1449 with 10 references;
- (9) Copies of 10 references;
- (10) Form PCT/IPEA/409 & 416 International Preliminary  
Examination Report;
- (11) Check No. 22744 \$ 825.00 for Filing Fee, Examination  
Fee, Search fee and additional claims fees;
- (12) Check No. 22745 \$ 40.00 for Recordation Fee;
- (13) Postcard for early notification of serial number.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**

By:

  
Gary M. Nath  
Registration No. 26,965  
Joshua B. Goldberg  
Registration No. 44,126  
Customer No. 20529Date: March 11, 2005  
NATH & ASSOCIATES PLLC  
1030<sup>th</sup> 15<sup>th</sup> Street, NW - 6<sup>th</sup> Floor  
Washington, D.C. 20005 GMN/JBG/ng/PCT.NATLphase